

### REMARKS


Applicants request entry of this Preliminary Amendment prior to examination of the present application. Claims 1-19 are pending in the application. Claims 1-19 are amended; marked up versions of the amended claims are attached hereto pursuant to 37 C.F.R. § 1.121(c)(ii). Claims 1-19 have not been amended for reasons related to patentability. Rather, claims 1-19 have been amended to place those claims in proper form, use proper idiomatic English, and remove multiple dependent claims.

In view of the foregoing, it is respectfully submitted that the application is in condition for allowance. If for any reason the Examiner believes that a telephone conversation with the Applicants' attorney would help to advance the prosecution of this application, the Examiner is cordially invited to call the undersigned's Los Angeles office at (213) 337-6793.

If there are any fees due in connection with the filing of this response, please charge the fees to our Deposit Account No. 50-1314.

Respectfully submitted,  
HOGAN & HARTSON L.L.P.

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Version with markings to show changes made:

IN THE CLAIMS:

Please replace the text of claims 1-19 with the following text:

1. (Amended) A network security system, comprising:  
a server connected to a network; [,]  
a received data storage means to store data with an external format  
which a server received through the network; [,]  
a received data format conversion means to convert data with an  
external format stored in the received data storage means to data with an internal  
format, and to store it in a received process data storage means; [,] and  
a host computer to execute a predetermined process utilizing data with  
the internal format stored in the received-process data storage means.

2. (Amended) The network security system according to claim 1,  
wherein the received data storage means is adapted to allow [allows] data with an  
external format which the server received to be written, and [prevents] adapted to  
prevent data received by the server from being read out, and wherein the received  
process data storage means is adapted to allow [allows] data with the internal  
format to be read out by the host computer and adapted to prevent [prevents] data  
from being written by the host computer.

3. (Amended) The network security system according to claim [1  
or] 2, wherein the received data storage means [allows] is adapted to allow data  
with an external format to be read out by the received data format conversion  
means and [prevents] adapted to prevent data from being written by the received  
data format conversion means, and wherein the received process data storage  
means is [allows] adapted to allow data with the internal format to be written by

the received data format conversion means and [prevents] adapted to prevent data from being read out by the received data format conversion means.

4. (Amended) The network security system according to [any one of claims 1 to] claim 3, wherein the data with the internal format are stored additionally with a predetermined time of period into the database of the host computer from the received-processing data storage means.

5. (Amended) The network security system according to claim 4, wherein the conversion process from data with an external format to data with the internal format by the received data format conversion means, and the additional storage process of the data with the internal format to the database of the host computer, are executed in a lump sum manner with an independent timing, respectively.

6. (Amended) The network security system according to [any one of claims 1 to] claim 3, wherein the received data format conversion means [converts] is adapted to convert data with an external format to data with database format.

7. (Amended) The network security system according to [any one of claims 1 to] claim 3, wherein the server is adapted to send [sends] data with mail format to the received data storage means and [writes] adapted to write data with an external format.

8. (Amended) The network security system according to [any one of claims 1 to] claim 3, wherein the network [is] comprises the Internet.

9. (Amended) A network security system, comprising:  
a host computer adapted to execute a predetermined process by use of data with an internal format; [,]

a transmit process data format conversion means [to storage] adapted to store data sent to the network; [,]

a transmit data format conversion means adapted to convert data with the internal format stored in the transmit process data storage means and adapted to store data in the transmit data storage means; [,] and

a server adapted to send data with an external format stored in the transmit data storage means to the network.

10. (Amended) The network security system according to claim 9, wherein the sending process data storage means [allows] is adapted to allow data with the internal format to be written by the host computer and prevents data from being read out by the host computer, and the transmit data storage means [allows] is adapted to allow data with an external format which the server sends to be read out and [prevents] adapted to prevent data from being written by the server.

11. (Amended) The network security system according to claim [9 or] 10, wherein the transmit process data storage means [allows] is adapted to allow data with the internal format to be read out by the transmit data format conversion means and [prevents] is adapted to prevent data from being written by the transmit data format conversion means, and the transmit data storage means [allows] is adapted to allow data with an external format to be written and [prevents] adapted to prevent data from being read out by the transmit data format conversion means.

12. (Amended) The network security system according to [any one of claims 9 to 11] claim 9, wherein the conversion process from data with the internal format to data with an external format by the transmit data format conversion means is executed on an independent timing from the storage process of data with the internal format to the transmit process data storage means by the host computer.

13. (Amended) The network security system according to [any one of claims 9 to 11] claim 9, wherein the server receives data with mail format from the transmit data storage means and sends [it] the data to the network.

14. (Amended) The network security system according to [any one of claims 9 to 11] claim 9, wherein the network comprises the Internet.

15. (Amended) A network security system, comprising:  
a received data storage means to storage data with an external format which a server received through the network; [,]

a received data format conversion means adapted to convert data with an external format stored in the received data storage means to data with an internal format and adapted to store [it] data in the received process data storage means; [,]

a host computer adapted to execute a predetermined process by use of data with the internal format stored in the received process data storage means; [,]

a transmit process data storage means adapted to store data with the internal format sent to the network; [,]

a transmit data format conversion means adapted to convert data with the internal format stored in the transmit process data storage means to data with an external format; [,] and

a server adapted to send data with an external format stored in the transmit data storage means to the network.

16. (Amended) The network security system according to claim 15, wherein the conversion process from data with an external format to data with the internal format by the received data format conversion means, the additional storage process of the data with the internal format to the database of the host computer side, the conversion process from data with the internal format to data with an external format by the transmit data format conversion means, and the storage process of data with the internal format to the transmit process data

storage means by the host computer are each [are] executed with independent timing.

17. (Amended) A network security system, comprising:  
a server connected to a network, wherein a mail client and a mail server are arranged in the server; [, and]  
a mail transfer section connected to a host computer side; [,]  
[wherein a mail client and a mail server are arranged in the server]  
a mail receiving section to receive mails through communication line from the mail client; and [,]  
a mail sending section to send mails through communication line to the mail server are arranged in the mail transfer section, and  
wherein the host computer [recieves] is adapted to receive a data transfer from the server through the mail receiving section of the mail transfer section and is adapted to transfer data to the server through the mail sending section of the mail transfer section.

18. The network security system according to claim 17, wherein the communication line is a communication line dedicated to a mail.

19. (Amended) A network security system, comprising:  
a mail server arranged on the network side; [,]  
a mail transfer section arranged on the host computer side; [,]  
[wherein] a mail receiving section to receive mails from the mail server through a mail dedicated line; [,] and  
a mail sending section to send mails to the mail server through a mail dedicated line [are arranged, and] ;  
wherein the host computer [receives] is adapted to receive data transfer from the mail server through the mail receiving section of the mail transfer section and [transfer] is adapted to transfer data to the mail server through the mail sending section of the mail transfer section.